

ABSTRACT OF THE DISCLOSURE

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A method of adjusting the maximum intensity of a laser exposure mechanism for irradiating laser light to the surface of a photoreceptor to which a uniform potential is being given by a corona discharger. Photoreceptor surface portions are exposed to laser lights of a plurality of laser intensities obtained by coarsely dividing an optional laser intensity, and the potentials of the photoreceptor surface portions are detected (coarse-division potential detecting step). In the vicinity of the laser intensity corresponding to the potential closest to the desired preset potential, the predetermined laser intensity is further finely divided to set a plurality of laser intensities, photoreceptor surface portions are exposed to laser lights of the plurality of laser intensities thus set, and the potentials of the photoreceptor surface portions are detected (fine-division potential detecting step). The fine-division potential detecting step is repeated until there is obtained potential equal to or substantially equal to the desired preset potential, and there is set, as the maximum intensity, the laser intensity corresponding to the potential thus obtained.